



BCKD₂₀₁₇
BC KIDNEY DAYS

**Pediatric Nephrology
Regional Care Initiative**

Dr. Douglas G. Matsell

Objectives

TO DISCUSS the **challenges** in providing regional
Pediatric Nephrology care in British Columbia

TO PRESENT our **progress** to date

TO INTRODUCE future plans for **expansion**



The Challenge

The Renal Program at BCCH is a full service
PROVINCIAL program

deliver “care **closer** to home”

equitable care regardless of location

regionally-**supported** care model



The Challenge

Challenges are GEOGRAPHIC AREA, CHILHOOD
POPULATION DENSITY, and LIMITED RESOURCES

The Challenge

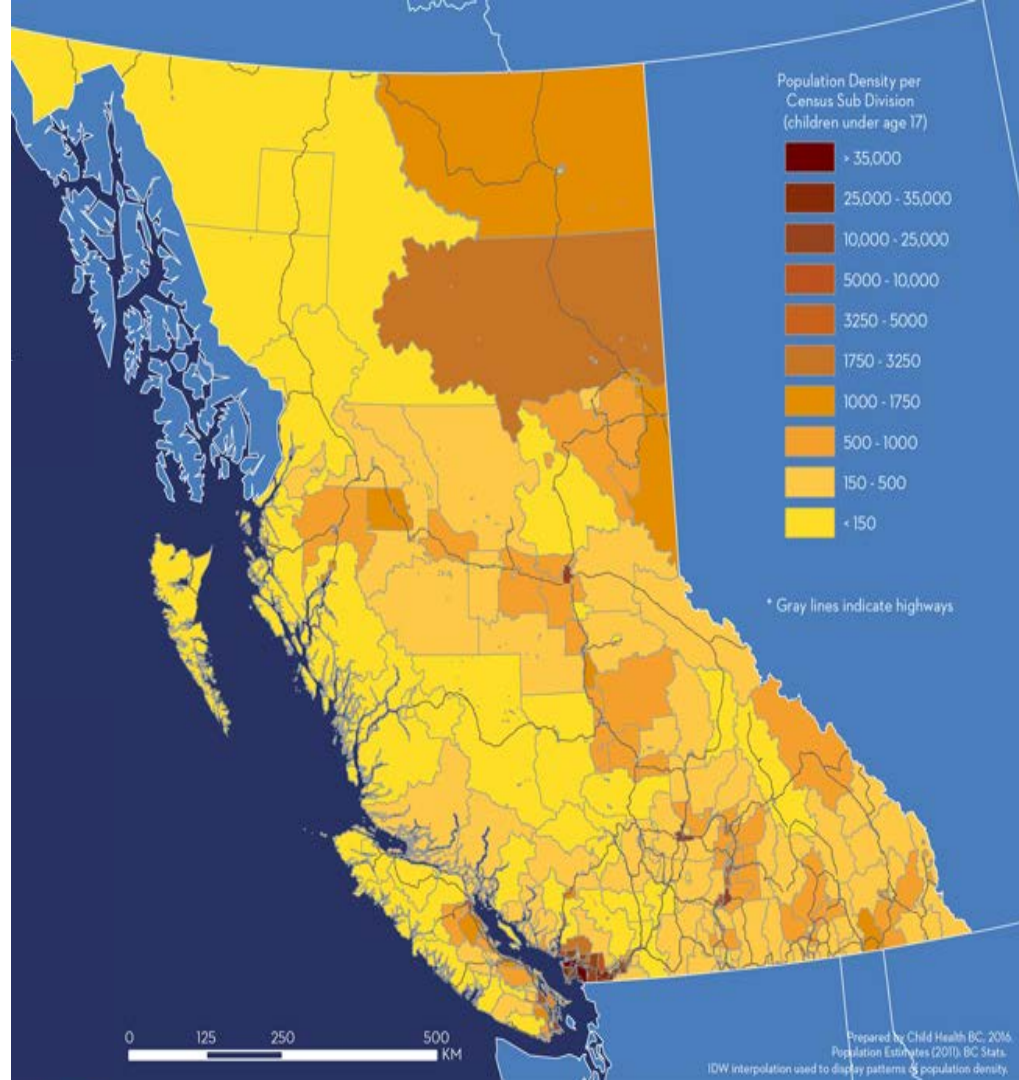
Approximately **1 MILLION**
children in British Columbia

In an area greater than the
UNITED KINGDOM



5 nephrologists for a Geographic area of
1 MILLION KM²

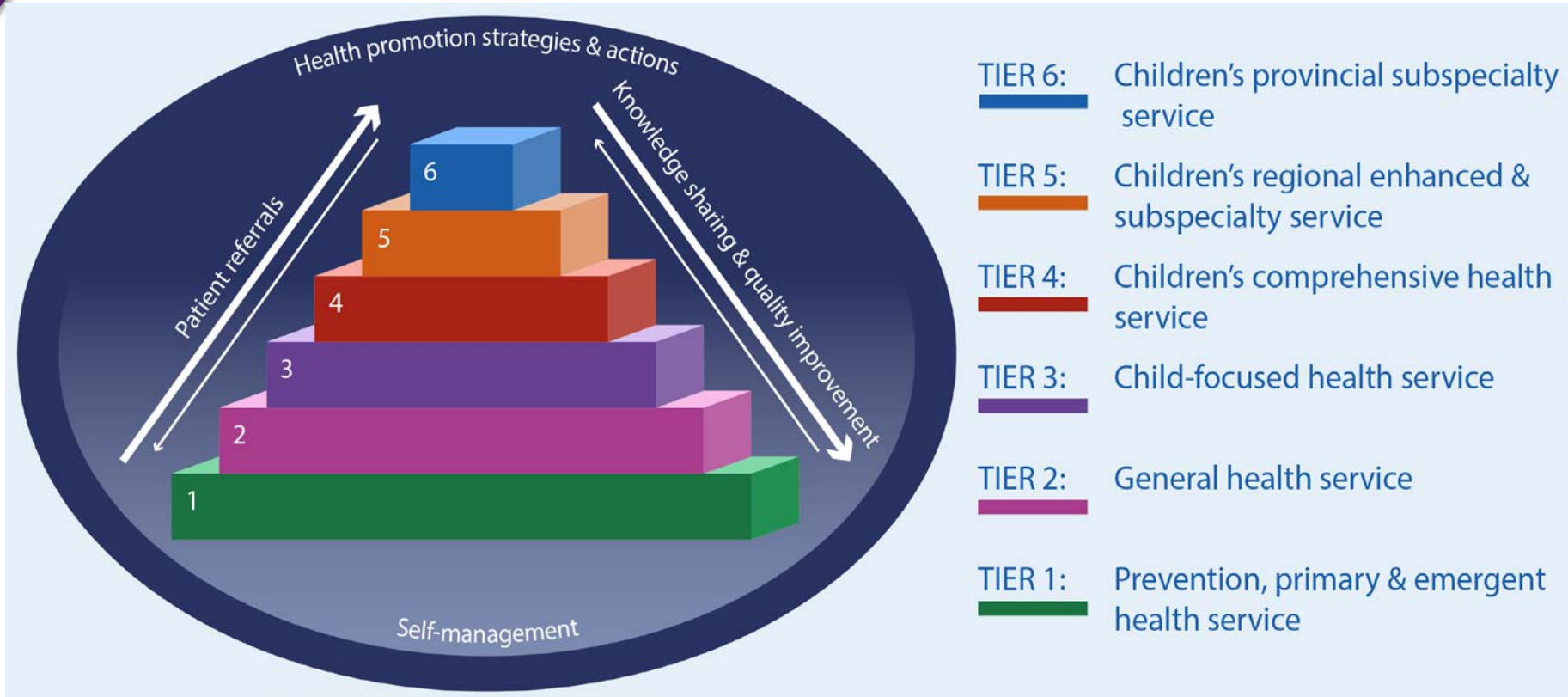
THAT'S MORE THAN
**200,00 km² per
nephrologist**



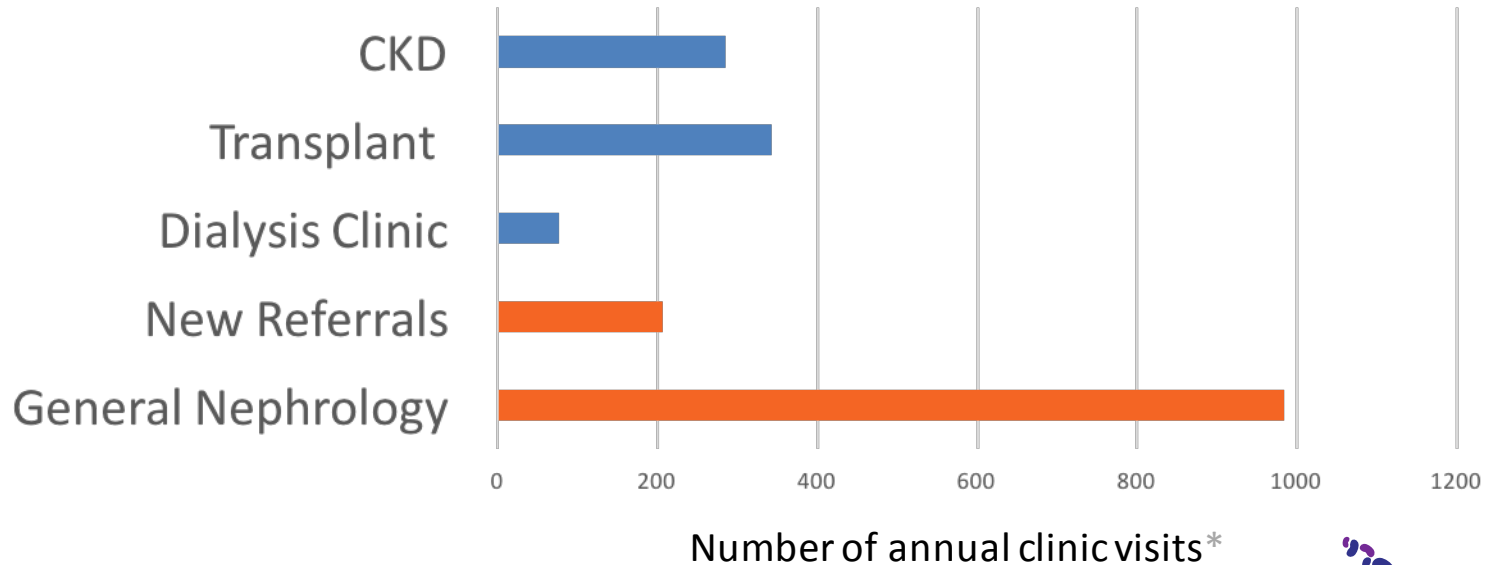
Regional Care- First steps

- Defining **level of care**
- Identifying **potential sites**
- Developing a **business model**
- Assembling a regional care **team**

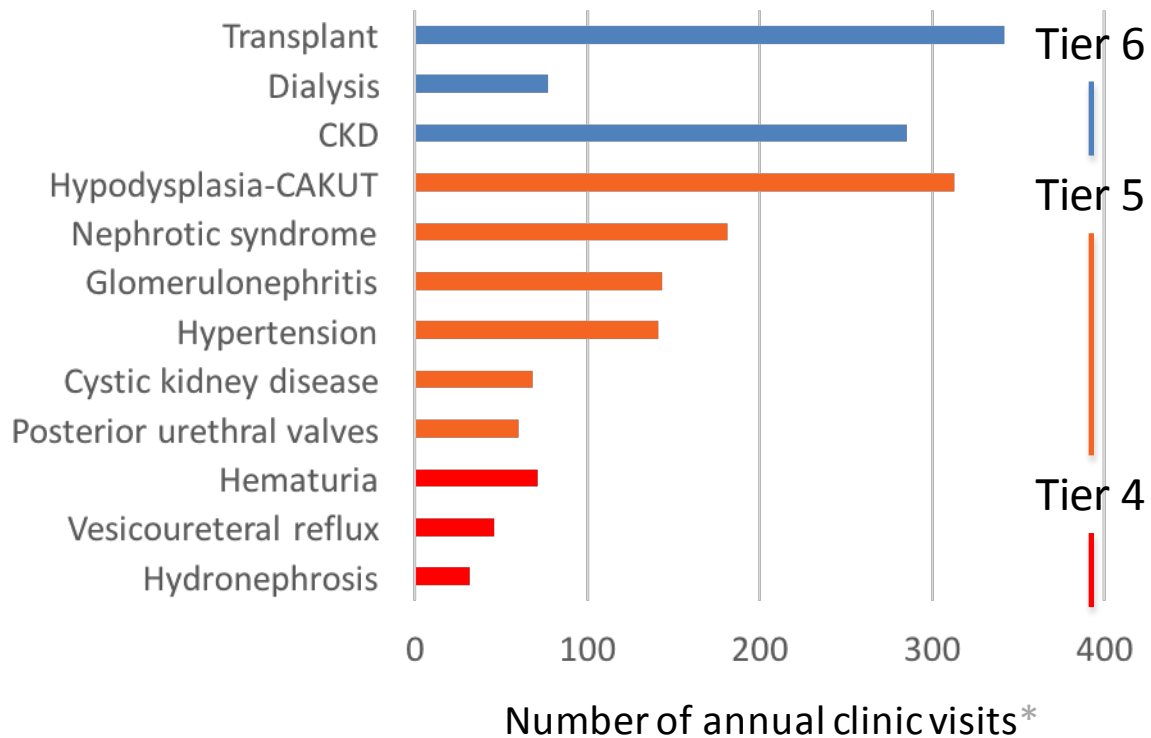
Regional Care- Tiers of Service



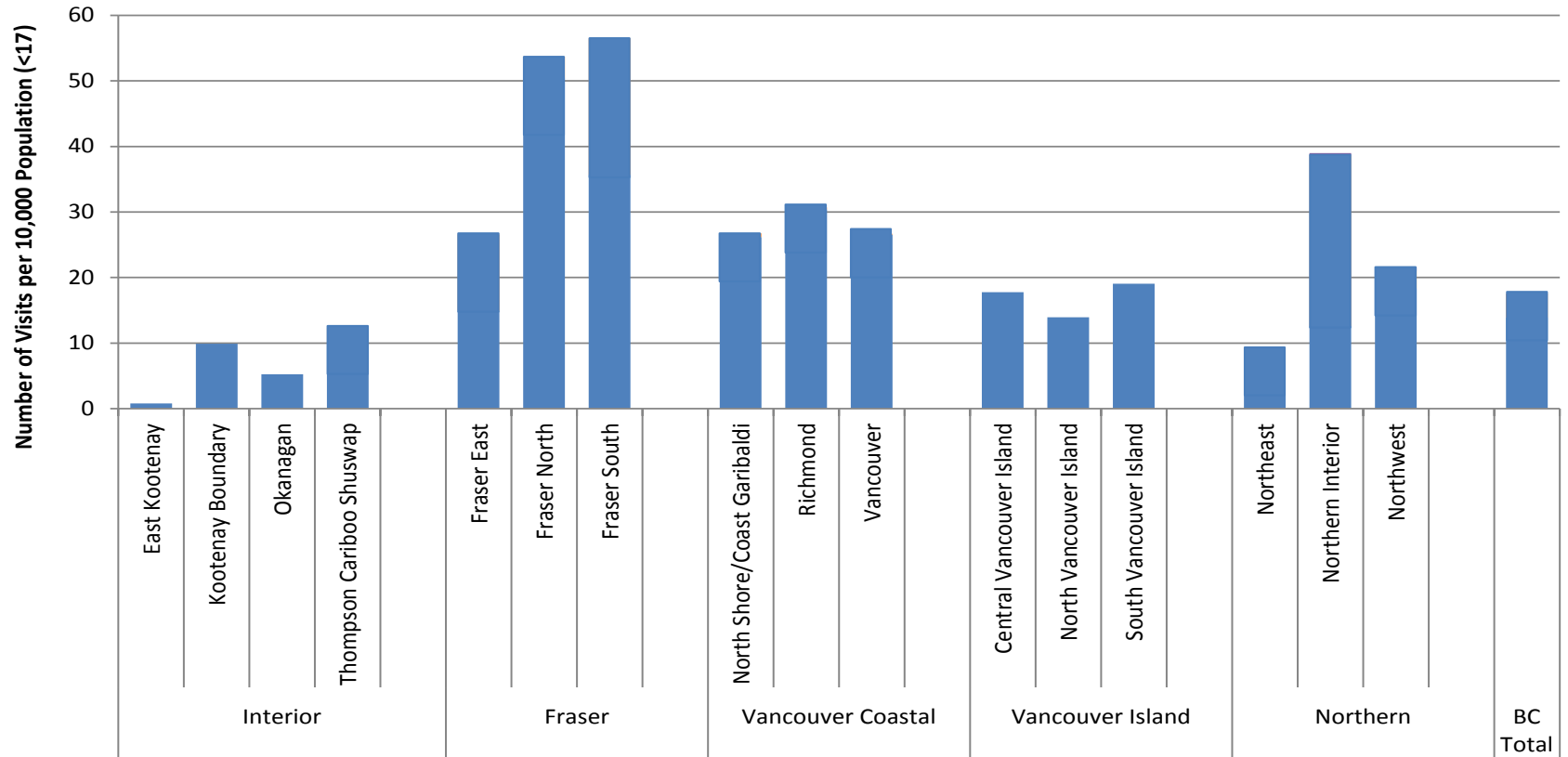
Tiers of Care-Vancouver



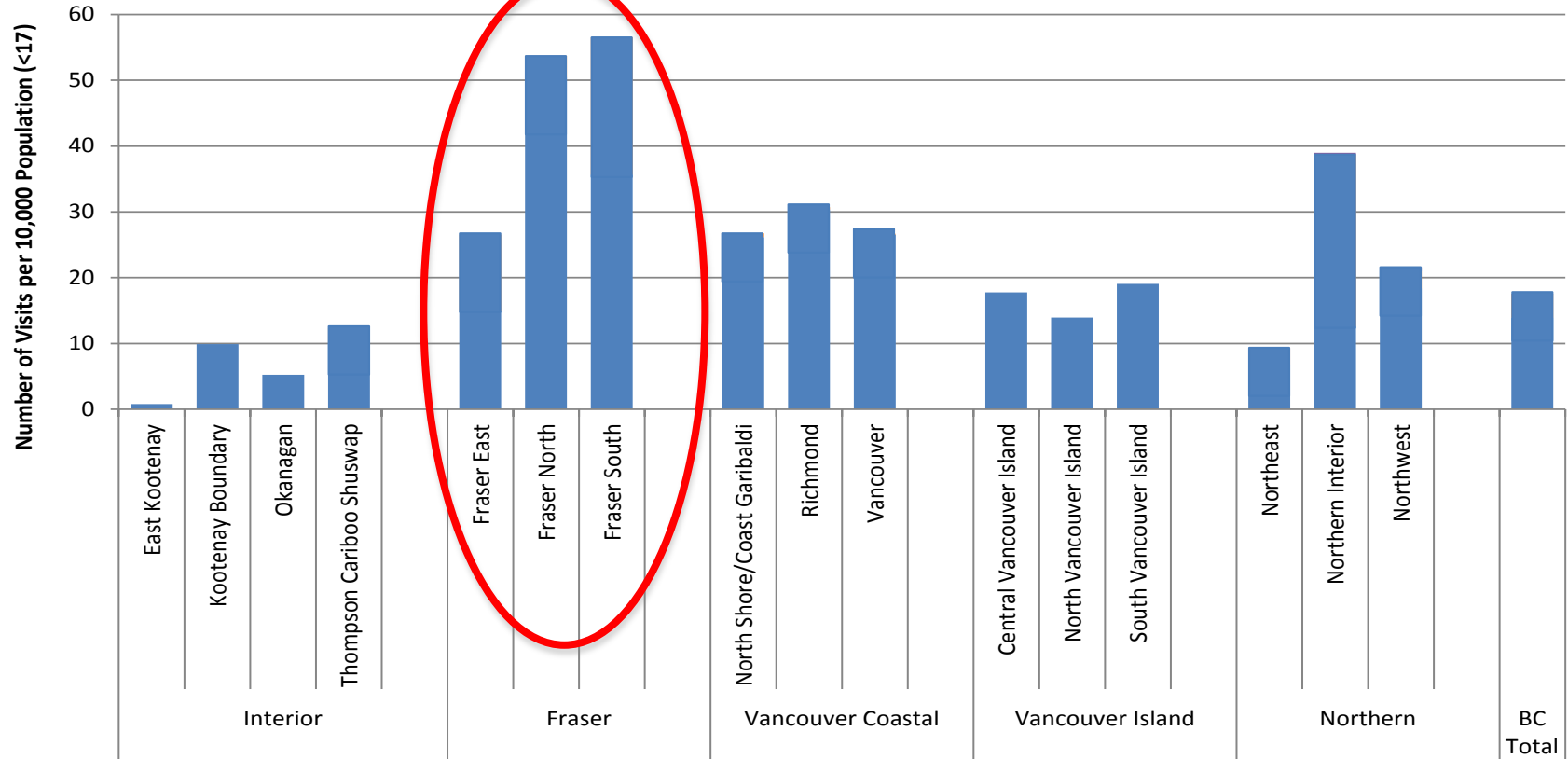
Vancouver



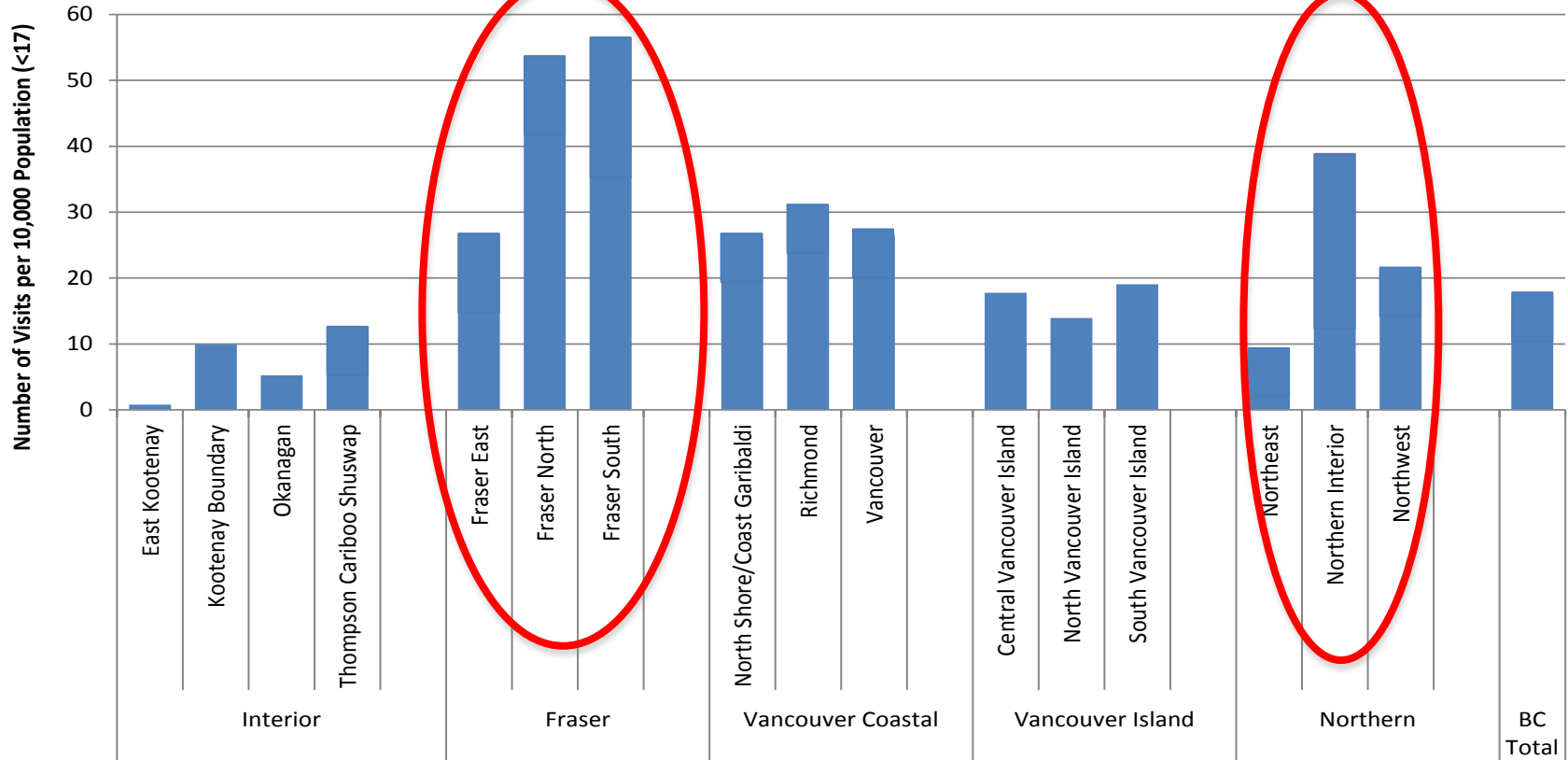
Regional Care- The Sites



Regional Care- The Sites



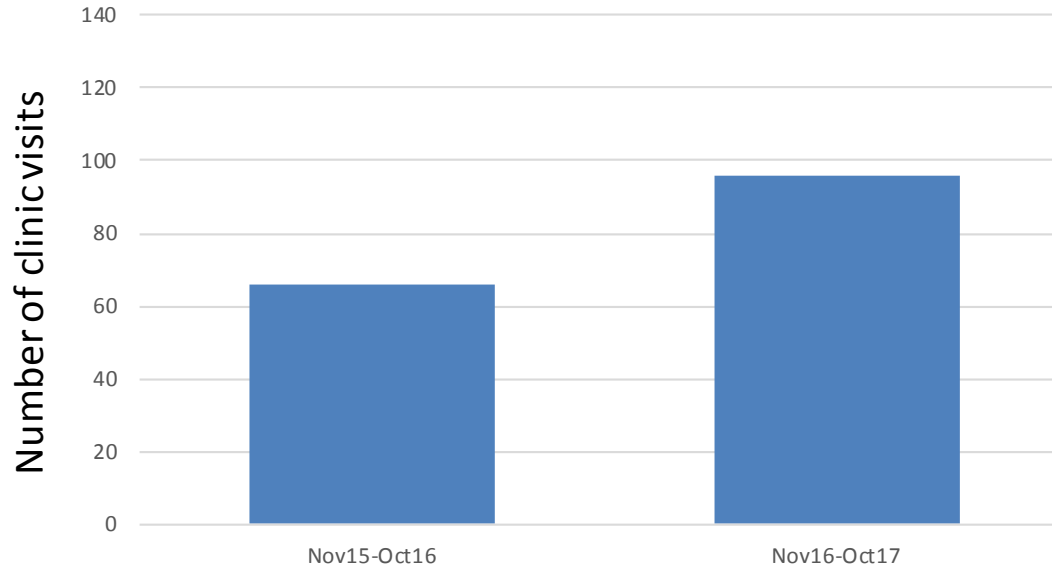
Regional Care- The Sites



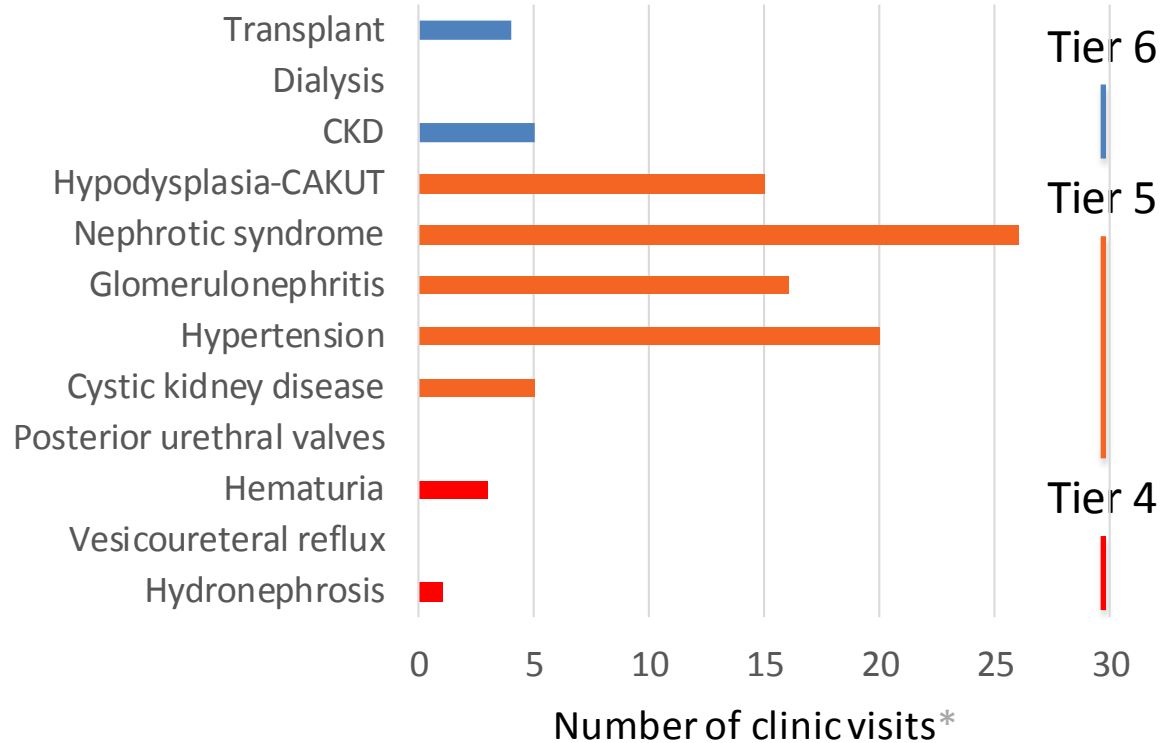
Regional Care- Prince George



Regional Care-Prince George



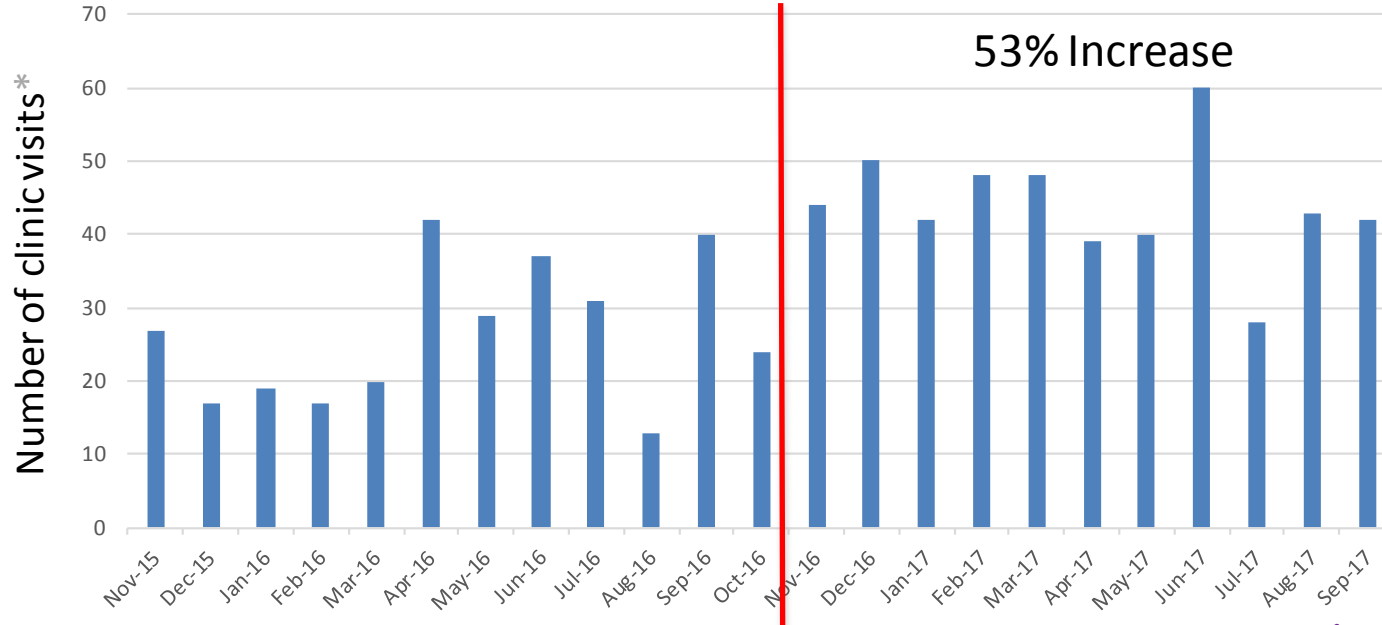
Regional Care-Prince George



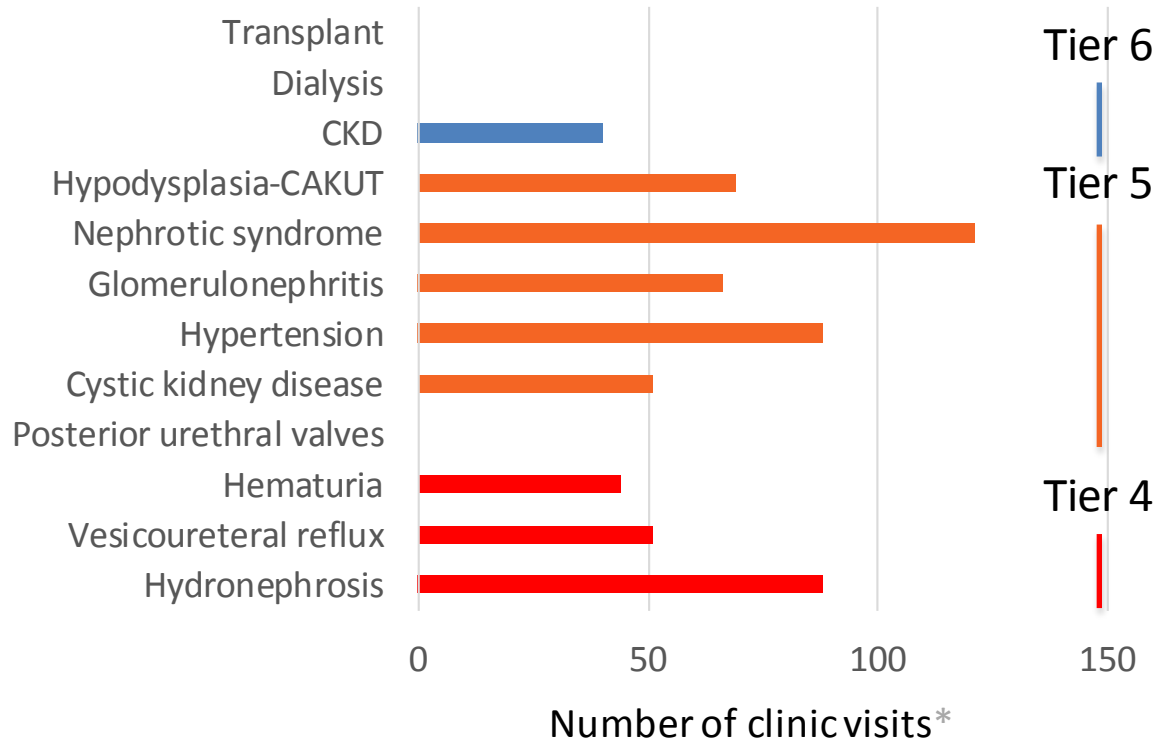
Regional Care- Fraser Health



Regional Care- Fraser Health



Regional Care- Fraser Health



Regional Care- The Team

Pediatric Nephrologist

Specialty Nurse

Renal Dietitian

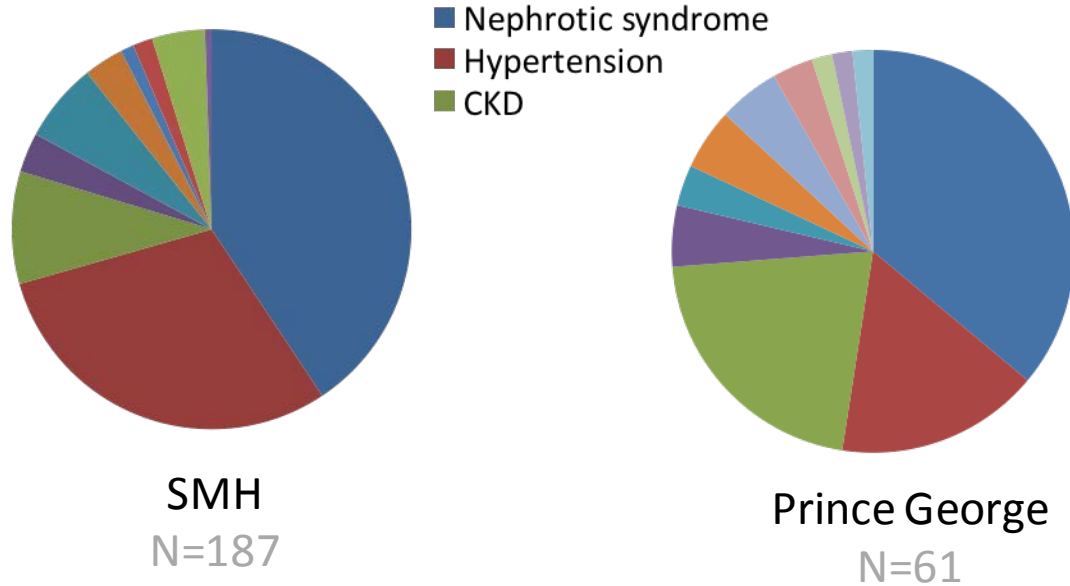
MOA/Clerk

Trainees

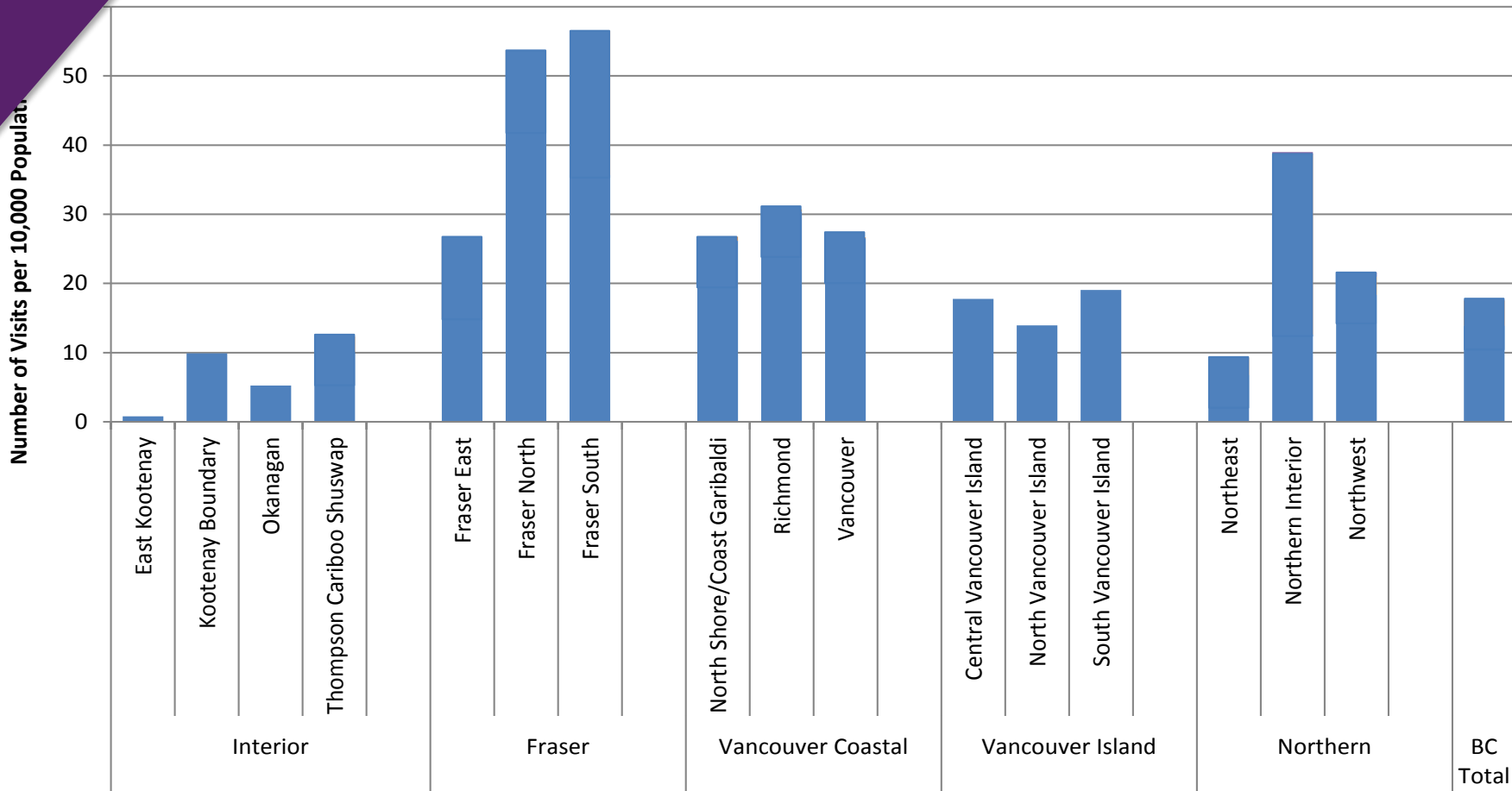


Regional Care- The Team

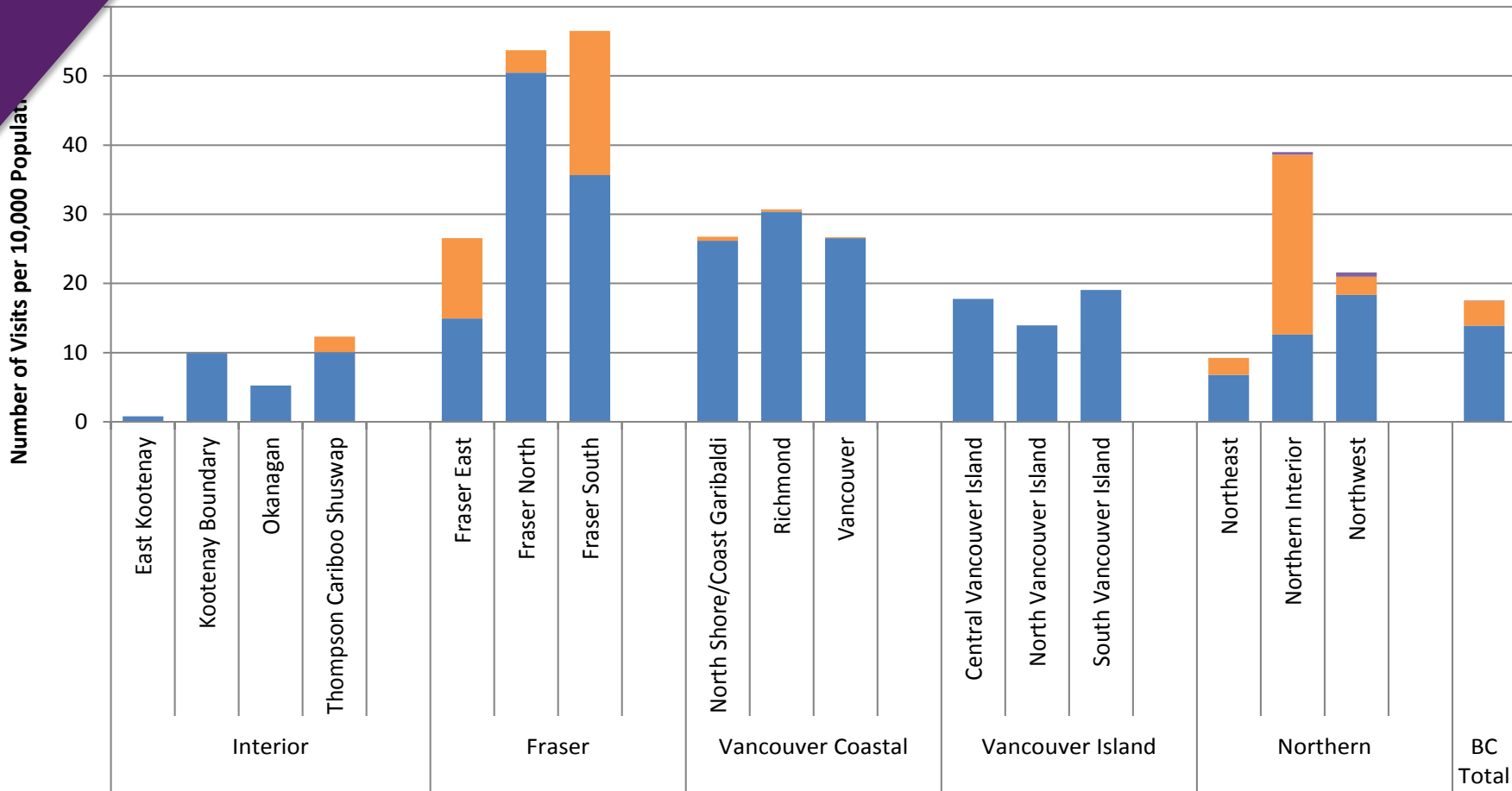
Renal Dietitian Encounters



Nephrology - Visits per 10,000 population by HSDA



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Regional Care Initiative

Future Prospects

Expansion to the Interior and Island
Performance evaluation
Clinical research opportunities



Regional Care Initiative

Acknowledgements

Kathleen Gray- Specialty Nurse

Kirsten McFadyen- Renal Dietitian

Agnes Lopes- Outreach Clerk

Michele Fryer- Child Health BC

Dr. Rob Humphreys

